BRUHATH BANGALORE MAHANAGARA PALIKE, DASARAHALLI ZONE
Office of the Executive Engineer
Schedule-B

NAME OF WORK: Repais and maintenance of borewells at Sidedahalli village limit in Bagalagunte in W.No. 14

Sl. No	Description of work	Unit	Qty	Rate quoted by Contractor Sri R SHIVARAM	
				In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	Supply and delivery at site brand new Texmo / Innoval / Lubi / Sabar / Atalanta / Calamal / waterman / Radha make suitable vertical installation in 150mm dia. Borewells comprising of single stage or miultistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction mortor suitable for operation of 3Ph., 50Hz. 380/44 volts AC supply fitted with required accessories such as suction. casing, suction strainers, sand guard Non return valve etc., complete the pump and motor shall form an integral unit with all the required fittings 15HP 30 stage Kirloskar, Atlanta, Suguna, CRI & other equipment pump	No	4	70450.0	Rupees Seventy Thousand Four Hundred Fifty Only
2	Supply and delivery at site brand new Texmo / Innoval / Lubi / Sabar / Atalanta / Calamal / waterman / Radha make suitable vertical installation in 150mm dia. Borewells comprising of single stage or miultistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction mortor suitable for operation of 3Ph., 50Hz. 380/44 volts AC supply fitted with required accessories such as suction. casing, suction strainers, sand guard Non return valve etc., complete the pump and motor shall form an integral unit with all the required fittings 12.50HP 24 stage Kirloskar, Atlanta, Suguna, CRI & other equipment pump	No	4	63300.0	Rupees Sixty Three Thousand Three Hundred Only
3	Supplying and Drawing 3 core Flat PVC Shalted Submersible Pump Cable Manufactured with Electrolytic Grade Copper with Flexible copper conductor to table 3 class 5 of IS 8130-1984 and Virgen PVC insulation and Sheeated Suitable for working Voltage Upto 1100 Volts	Mtrs	4340	158.0	Rupees One Hundred Fifty Eight Only

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4	Supplying and fixing 50mm Non Return Vavle of vertical type of approved make including cost of all materials labour HOM of equipment with all leads Complete as per Specifcation	Nos	10	1150.0	Rupees One Thousand One Hundred Fifty Only
5	Supplying and fixing 50mm GM Gate Vavle	Nos	10	1500.0	Rupees One Thousand Five Hundred Only
6	Supplying and fixing 175mm Borewell cap with clampset As per approved	Nos	10	500.0	Rupees Five Hundred Only
7	Supplying and fixing 50mm GI Union	Nos	10	223.0	Rupees Two Hundred Twenty Three Only
8	Supplying and fixing 50mm GI Elbow	Nos	30	111.0	Rupees One Hundred Eleven Only
9	Supplying and delivery at site brand new star / Essen / Lotus / Sun shines / Adharsh / GK Controls best indigenous make combined energy meter cum control panel board unit of size 1200x600x350mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for opration on 3ph, 50 hz, 380/440 volts, AC supply with spring loaded latch, locking device with a key ribs should be provided inside the door canopy apron and louvers ventilators shall be provided the combined energy meter cum control panel board unit suitable for operation on 3ph, 50 hz, 380/440 volts AC supply shall be consists etc., complete the panel board shall be consist etc., complete the panel board shall be fabricated on single unit in the above componenets panel board for suitable pumpset with star delta staretr out door type 10hp to 15 hp	Nos	15	10000.0	Rupees Ten Thousand Only
10	Providing and fixing of 50mm G.I pipe 'C' class heavy duty for erection of submersible pumpset galvanised tube 50mm supply ad delivary of cause heavy duty as per IS/239/1990	Mtrs	2320	519.0	Rupees Five Hundred Nineteen Only
11	Supplying and fixing 50mm GI coller Heavy duty	Nos	150	150.0	Rupees One Hundred Fifty Only
12	Erection of combined panel board and meter unit with necessary materials and labour including providing cement concrete foundation bed cont door type etc., complete PRED ISSUE RATE	Nos	15	475.0	Rupees Four Hundred Seventy Five Only

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13	Supplying of TPST with rewireable porcelain channels in SM encloser 15/32 amps P-521, Group-Bi-1(b	Nos	15	1302 1302.5	Rupees One Thousand Three Hundred Two Only
14	Supplying and fixing 500x500x65mm polished wood board made up not less than 15mm thick plank in front plank one end provided for olding at other end fixing the same of the valve using through bolts and nuts, PRED ISSUE RATE	Nos	15	302.5	Rupees Three Hundred Two and Fifty Paise Only
15	Supplying and fixing LED Type panel board indicating lamp with required colour suitable for 220 v AC 50Hz 12/24 V DC Group 'B'. P-529, I-35(b),	Nos	45	385.0	Rupees Three Hundred Eighty Five Only
16	Supplying and drawing each PVC insulated 650/100 V grade wire in the conduct (Open or Concealed system of wiring) 7/20 or 7/36 copper wire. P-380, I-20, ii(d),	Nos	20	27.5	Rupees Twenty Seven and Fifty Paise Only
17	Supplying, fixing and wiring heavy duty low voltage capacitors confirming to I 2834, 3 PHASE 400/440 Volts grade for power factor improvement of rotating machinery capacitor in KVAR - rating Nos 2 KVAR Capacity P-402, I-34(a),	Nos	5	385.0	Rupees Three Hundred Eighty Five Only
18	Supplying and fixing miniature Circuit breakers on existing MCB distribution boards using necessary fixing materials and wiring complete as required P-526, I-13 (P, a),	Nos	5	880.0	Rupees Eight Hundred Eighty Only
19	Supplying, fixing, wiring earth electrode for grounding conduits, LC cutouts and other equipments on the meter board using 40mm dia 2.90mm thick GI pipe 2.50m long buried in a pit. The pit should be filled with equal proportion of solt and charcoal 150mm alround the pipe to complete depth. the connection from the pipe to the conduct etc., is to be established through GI wire of size as per ISI specifications 7.3.3 IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 throught holes of 122mm dia	Nos	2	1650.0	Rupees One Thousand Six Hundred Fifty Only
20	Supplying and fixing class A (medium duty) GI pipe wall thickness not less than 3.25mm on pole.	Nos	20	286.0	Rupees Two Hundred Eighty Six Only

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21	Supplying and fixing wiring earth electrode for grounding conduits, IC cutouts and other equipments on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 Mtr long buried in a pit,/ the pit should be filled with equal proporation of salt and charocal 150mm alround the pipe to complete depth the connections from the pipe to the conduits etc., is to be established through GI wire of size as per ISI specification 7.3.3 of ISI 732 using 12 mmdia boalts, nuts washers and checknuts etc,. the pipe shall have 16 through holes of 122mm dia	Nos	2	1650.0	Rupees One Thousand Six Hundred Fifty Only
22	Labour charges for laying 1.1 KV class UG cable when supplied by agencies in existing trenches GI pipe / stoneware pipe/ on pole as required,	Mtrs	60	5.5	Rupees Five and Fifty Paise Only
23	Digging of trench of 0.6m deep x 0.5m wide refilling the trench to the required level and consolidating etc.	Mtrs	30	44.0	Rupees Forty Four Only
24	Supply and fixing LT cast iron pot heads suitable for 1.1 KV class 16 sqmm UG cable filled with neccesary bitumen / insulating compound complete with termiinalas, clamps, bolts, nuts, washers etc.,	Nos	2	264.0	Rupees Two Hundred Sixty Four Only
25	Supplying and fixing of porcelain fuse channel with cut-out on existing / new wooden panel using neccesary nuts, bolts and washers etc.,	Nos	12	440.0	Rupees Four Hundred Forty Only
26	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc., in the Asphalt surface road.	Cum	27	311.0	Rupees Three Hundred Eleven Only
27	Earthwork excavation for foundation of buildings water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification	Cum	135	259.7	Rupees Two Hundred Fifty Nine and Seventy Paise Only
28	Providing and installing at site of work P.V.C pipees including cost of pipes and specials and labour including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not leass than 15 cms with gravel or selected earth available from the excavation etc., complete PVC pipes of 6kg/Sqm 75mm Dia.	Rmt	300	157.0	Rupees One Hundred Fifty Seven Only

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29	Supplying and fixing 50 mm GI pipes 'B' class heavy duty (As PER bwssb Store Issued Rate) Note:- GI Pipe using for Road crossing places.	Mtrs	20	325.0	Rupees Three Hundred Twenty Five Only
30	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5m. Including cost of all labour complete as per specification.	Cum	135	60.48	Rupees Sixty and Forty Eight Paise Only
31	Transportation of pumping machineries	LS	15	900.0	Rupees Nine Hundred Only
32	Erection of Pumping machineries	LS	15	900.0	Rupees Nine Hundred Only

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